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Amendment to Claims

This listing of Claims will replace all prior versions and listings of claims in this Application.

Listing of Claims

Claims 1-5 Cancelled

Claim 6. (Currently Amended): A dual spray-deposition method of making a multilayer helmet shell employing, in appropriate succession as support structures, a female cavity, and a associated male mandrel comprising:

utilizing an appropriate, generally sheet-like body of a first selected material, shaping and configurationally supporting a generally helmet-shaped central structural core layer having inner and outer surfaces, and forming a first precursor helmet shell[[],];

while so supporting that the core layer selectively on one of the mentioned support structures, assuring the substantially full-access exposure of at least one of such surfaces[[],];

directing toward such at least one surface a spray of a first, selected, vapor-suspension deposition material to form on, and joined to, that the at least one surface a structural layer[[],] which layer, along with the core layer, form a second precursor helmet shell[[],];

thereafter, supporting the second precursor helmet shell on the other mentioned support structure so as to assuring assure the substantially full-access exposure of the other one of such surfaces[[],]; and

then directing toward such other surface a spray of a second, selected, vapor-suspension deposition material to form on, and suitably joined to, that the other surface a third structural layer, thus completing the fabrication of the intended, finished helmet shell.

Claims 7 - 9 Cancelled

Claim 10. (Currently Amended) A method of making a multilayer helmet shell comprising:

in a generally helmet-shaped female cavity, ~~placing a generally form-fitting, structural, forming a pliable layer of a selected central core material so that the same generally takes the to form of a central core having a helmet shape having and~~ an exposed inner surface[[],];

directing a spray of a first, selected, vapor-suspension deposition material onto the exposed inner surface of the core material in the cavity to form a structural inner layer which bonds to ~~that the~~ inner surface, and which generally stabilizes, into a helmet shape, the ~~three-dimensional configuration of the combined core material and inner layer[[],];~~

removing the joined central core material and inner layer from the cavity, and placing this assembly onto a generally helmet-shaped male mandrel, with the core material having an exposed outer surface[[],];

directing a spray of a second, selected, vapor-suspension deposition material onto the exposed outer surface of the core material to form a structural outer layer which bonds to ~~that the~~ outer surface, and which collectively, with the inner layer, forms a substantially fully encapsulating jacket around the core material[[],]; and

removing from the mandrel, as a finished helmet shell, the assembly of the inner layer, the core material, and the outer layer.

Claims 11 - 15 Cancelled